

PATENT ABSTRACTS OF JAPAN

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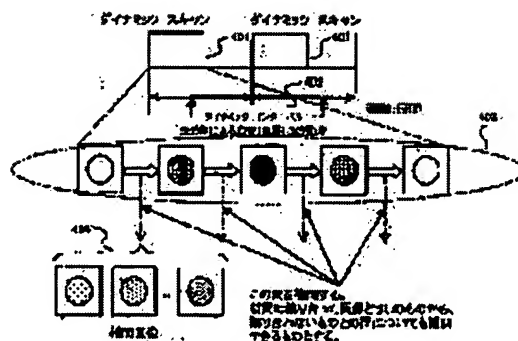
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(54) MAGNETIC RESONANCE IMAGING APPARATUS

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an MRI apparatus which is capable of indicating an image whose time resolution is improved without causing an extension of shooting time in dynamic measurement, and also accurately determining the time of occurrence when a specific event of a contrast media that has passed or reached a region of interest of a subject.

SOLUTION: The MRI apparatus is equipped with a means for repeatedly determining echo signals released by nuclear magnetic resonance phenomenon of a subject and obtaining the data required for the reconstruction of images, a means for reconstructing an image using the above data, a means for displaying the above image and for continually displaying the reconstructed image in a time sequence manner at each time of the repeated measurement, whereas the image reconstruction includes a means for estimating the data at the time other than that for the determination using the respective data obtained by more than twice the measurement and a means of reconstructing an image using the data thus estimated.



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